

PODMAYSTROVICH, V.I.

Case of unusual combination of three forms of acute obstruction
of the small intestines. Sov.med. 20 no.12:64-65 D '56. (MLRA 10:1)

1. Iz khirurgicheskogo otdeleniya Chernovitskoy sheznodorozhnoy
bol'nitsy.

(INTESTINES—OBSTRUCTION)

PODMAYSTROVICH, V.I.

Cases of gastric foreign bodies. Vest.khir. 77 no.5:91-92 My '56.

(MLRA 9:8)

1. Iz otdelencheskoy bol'nitsy st. Chernovtsy L'vovskoy shel. dor.
(nach. bol'nitsy A.V.Zhivetskiy, zav. khir. otd. V.I.Podmaystrovich)

(STOMACH, foreign bodies,

in ulcer (Rus))

(PEPTIC ULCER, complications,

for. bodies of stomach (Rus))

(FOREIGN BODIES,

stomach, in peptic ulcer (Rus))

L 45593-66 EWT(d)/EWT(m)/EWP(c)/EWP(v)/T/EWP(t)/EWT/EWP(k)/EWP(l) IJP(c) JD/HM
 ACC NR: AP6031413 (N) SOURCE CODE: UR/0135/66/000/009/0036/0037

AUTHOR: Fel'dman, L. S. (Engineer); Dombrugov, R. M. (Engineer); 42
 Podmazko, O. F. (Engincer) 41
 B

ORG: none

TITLE: Automatic high-speed radiography of spot welding 19

SOURCE: Svarochnoye proizvodstvo, no. 9, 1966, 36-37

TOPIC TAGS: x ray equipment, aluminum panel welding, panel spot welding, spot weld radiography, high speed radiography, spot weld quality control

ABSTRACT: An automatic x-ray unit for high-speed radiography of large spot-welded panels (see Fig. 1) is described. Panel 1 is moved stepwise 14

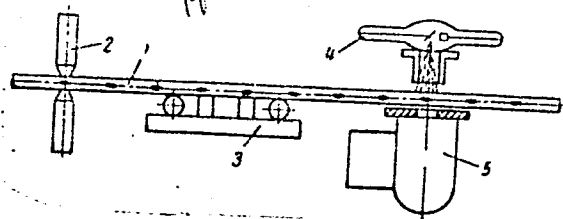


Fig. 1. High-speed radiographic unit

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UDC: 621.791.763.1.052.08:620.179.152

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(by mechanism 3) between electrodes 2 of a spot welder. When one spot is being welded, another spot several spacings behind is x-rayed by unit 4 and an enlarged x-ray picture is taken by movie camera 5. After the spot is welded and x-rayed, the panel is advanced one step and the cycle is repeated. The unit can operate at a panel-motion rate of up to 1 m/min. Transfer from one row of spots to the next is done automatically. The level of x-ray radiation from the unit was found to be harmless to the operator working as close as 1 m from the source of radiation for the entire working day. Orig. art. has: 2 figures and 3 tables. [TD]

SUB CODE: ~~09~~ 11, ¹³ 14/ SUBM DATE: none/ ORIG REF: 002/
ATD PRESS: 5082

Nondestructive testing ¹⁴

Card 2/2 *plw*

1. PODMAZON, A. F.; GENIDINA, M. YA.
2. USSR (600)
4. Steel
7. Technological process in drawing hollow, shaped, steel profiles, Sel'khoz mashina, No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, April, 1953, Uncl.

PODMAZOV, A. F.

26399 Tekhnologiya shtampovki stal'nykh kruyuchkovykh tsepey. Sel'khoz mashina,
1949, No. 8, s. 17-19.

SO: LETOPIS' NO. 35, 1949

1. PODMAZOV, A.F., GENDINA, M. YA.
2. USSR (600)
4. Metalwork
7. Technological process in drawing hollow, shaped, steel profiles. Sel'khoz mashina. No 1 1953.
9. Monthly List of Russian Accessions, Library of Congress, April 1953, Uncl.

PODMAZOV, A.V., inzh.; MISECHENKO, V.N., inzh.

Manufacture of iron-graphite friction plates for the clutches of heavy power presses. Mashinostroenie no.3:5-6 My-Je '62.

(MIRA 15:7)

1. Luganskiy teplovozostroitel'nyy zavod.
(Clutches (Machinery)) (Ceramic metals)

PODMAZOV, A.V.

New developments in the repair of industrial equipment.

Mashinostroitel' no.9:17-18 S '65.

(MIRA 18:12)

PODMOGAYEV, V.Ya.; BAUER, D.D.; SHER, A.Ye.; STEPANOV, A.P.

Vertical filling of bottom sections of aluminum electrolyzers.
Prom.energ. 15 no.5:21-22 My '60. (MIRA 13:7)
(Aluminum--Electrometallurgy)
(Electrolysis--Equipment and supplies)

PODMOSAYEVA, M.I.
BELIK, V.F., kandidat biologicheskikh nauk; PODMOSAYEVA, M.I.

Interspecific hybridization of pumpkin. Agrobiologiya no.1:128-132
Ja-F '57. (MIRA 10:4)

1. Biryuchekutskaya selektsionnaya ovoshchnaya opytnaya stantsiya,
Novocherkassk.

(Pumpkin breeding)

BELIK, V.F.; PODMOGAYEVA, M.I.

Method for combating crossing resistance in various squash varieties.
Dokl.AN SSSR 98 no.2:269-272 S '54. (MLRA 7:12)

1. Predstavleno akademikom N.V.TSitsinym.
(Squash) (Hybridization, Vegetable)

MAKAROVSKIY, A. F.; PODMOGAYEVA, M. I.

Squash

Intervarietal hybrids of squash. Sel. i sem. 19, No. 6, 1952.

9. Monthly List of Russian Accessions, Library of Congress, September 195₂. Unclassified.

BELIK, V.F., kand.biologicheskikh nauk, PODMOGAYEVA, M.I.

New methods for the interspecific hybridization of pumpkins.
Agrobiologiya no-5:775-777 S-O '60. (MIRA 13:10)

1. Nauchno-issledovatel'skiy institut ovoshchnogo khozyaystva,
Moskovskaya oblast'.
(Pumpkin breeding)

ZHABIN, A.I.; RYBAL'CHENKO, P.S.; PRIVIS, L.I.; PODMOGIL'NYY, V.I.

Lapping conic couplings of parts. Mashinostroitel' no.2:10-
12 F '64. (MIRA 17:3)

MIKELADZE, G.Sh.; NADIRADZE, Ye.M.; PKHAKADZE, Sh.S.; GOGORISHVILI, B.P.;
 DGEBAUDZE, G.A.; SOLOSHENKO, P.S.; SEMENOV, V.Ye.; BARASHKIN, I.I.;
 SHIRYAYEV, Yu.S.; POSPELOV, Yu.P.; KATSEVICH, L.S.; ROZENBERG, V.L.;
 Primali uchastiye: LORDKIPANIDZE, I.S.; TSKHVEDIANI, R.N.;
 DZODZUASHVILI, A.G.; DUNIAVA, A.G.; PERARSKIY, L.F.; GRITSFNYYUK, Yu.V.;
 ZHELTOV, D.D.; LUZANOV, I.I.; GLADKOVSKIY, V.P.; PODMOGIL'NIY, V.P.;
 VOROPAYEV, I.P.; BRIKOVA, O.V.; VRUBLEVSKIY, Yu.P.; KLYUYEV, V.I.;
 BAYCHER, M.Yu.; LOGINOV, G.A.; SHILIN, V.K.; POPOV, A.I.; ZASLONKO, S.I.

Industrial experiments in the smelting of 45 o/o ferrosilicon in
 a heavy-duty closed electric furnace. Stal' 25 no.5:426-429 My '65.
 (MIRA 18:6)

1. Gruzinskiy institut metallurgii (for Lordkipanidze, Tskhvediani,
 Dzodzuashvili, Guniava). 2. Nauchno-issledovatel'skiy i proyektnyy
 institut metallurgicheskoy promyshlennosti (for Brikova, Vrublevskiy,
 Klyuyev). 3. Vsesoyuznyy nauchno-issledovatel'skiy institut elektro-
 termicheskogo oborudovaniya (for Baycher, Loginov, Shilin, Popov,
 Zaslanko).

KOROLEV, Yuriy Petrovich; BUTOMO, Dmitriy Grigor'yevich; BUROVA, Yevgeniya Sergeyevna. Prinimali uchastiye: PODMOSHENSKAYA, S.Y.; IKONNIKOVA, G.N.; PROLOVA, R.N.; GRINZAYD, Ye.L. TYUMENEVA, S.T., inzh., red.; FREGER, D.P., red.izd-va; BELOGUROVA, I.A., tekhn.red.

[Rapid spectrum analysis of nonferrous metals with the use of DFS-10 equipment; from practices of the "Krasnyi Vyborzhets" Plant in Leningrad] Spektral'nyi ekspress-analiz tsvetnykh metallov na ustanovke DFS-10; iz opyta raboty leningradskogo zavoda "Krasnyi vyborzhets," Leningrad, 1961. 13 p. (Leningradskii Dom nauchno-tekhnicheskoi propagandy. Obmen peredovym opytom. Seriya: Kontrol' kachestva produktsii, no.8).

(MIRA 14:12)

1. Gosudarstvennyi optiko-mekhanicheskii zavod (for Podmoshenskaya, Ikonnikova, Prolova). 2. Leningradskiy politekhnicheskii institut im. M.I. Kalinina (for Grinzayd).

(Leningrad--Metallurgical plants)

(Nonferrous metals--Spectra)

BALEZIN, S.A.; FOLDEBAYEV, N.I.; KURBANOV, F.Y.

Study of the rate of dissolution of steel-1 in hydrochloric acid of different concentrations depending on pressure and temperature. Zhur. prikl. khim. 37 no.11:2523-2528 N 161 (MIRA 18:1)

1. Moskovskiy gosudarstvennyy pedagogicheskii institut imeni V.I. Lenina.

ARKHIPOV, Grigoriy Sergeyevich; BARANOV, Oleg Aleksandrovich;
PODOBEDOV, Aleksey Nikiforovich; TIKHOMIROV, Ivan
Nikolayevich; DMITROVICH, A.M., kand. tekhn. nauk, nauchn.
red.

[Semicontinuous casting of cast-iron pipes] Polunepreryv-
naia otlivka chugunnykh trub. Minsk, Nauka i tekhnika,
1965. 91 p. (MIRA 18:3)

PODOK'SKIY, A., general-polkovnik aviatsii

Troops of antiaircraft defence in combat readiness. Zhurn. Voen. Vozdush.
Sil 5 no.20:32-38 0 164. (MIRA 17:11)

1. Zamestitel' glavnokomanduyushchego voyskari protivovozdushnoy
oborony strany po boyevoy podgotovke.

SHUL'GIN, I.A.; POLOVINYY, V.Z.

Effect of radiation intensity on the development and growth of plants as related to the length of photoperiod and the temperature. Dokl. AN SSSR 158 no.6:1439-1442 O '64.

(MER 17:12)

1. Predstavleno akademikom A.L. Kureanovym.

PODOL'SKAYA, E.I.

Heat loss and temperature distribution along the surface of a thin
radiating plate in an air flow. Trudy Len.gidromet.inst. no.18:167-
180 '63.
(MIRA 18:1)

MEL'NIKOVA, N.P.; FEDOROV, A.P.; GARANIN, I.L.: PODOL'SKIY, M.A.: KULESHOVA, A.N.

Some regularities of the catalytic reforming process. Khim. i
tekh. topl. i masel 9 no.3:7-11 Mr'64 (MIRA 17:7)

1. Krasnodarskiy filial Vsesoyuznogo neftegazovogo nauchno-issle-
dovatel'skogo instituta.

PATON, B.Ye.; POTAP'YEVSKIY, A.G.; PODOLA, N.V.

Pulsating arc welding with a consumable electrode and a programmed control of the process. Avtom.svar. 17 no.1:1-6 Ja '64.

(MIRA 17:3)

1. Institut elektrosvariki imeni Patona AN UkrSSR.

ROLAINE JAKUS, Emma; GOTZ, Gusztav

Structure and analysis of instability lines. Orsz meteor int besz
tud kut 26:73 '62(publ.'62).

LAYKHTMAN, D. L.; PODOLSKAYA, E. L.; SHEKHTER, F. N.

"Radiative heat exchange in the boundary layer of the atmosphere."

report presented at the Atmospheric Radiation Symp, Leningrad, 5-12 Aug 64.

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B022/B005

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AUTHORS:

Fridshteyn, I. L., Podol'skaya, P. I., Bondarenko, N. I.,
Vaynshteyn, G. I., Chechik, Ye. I.

TITLE:

Single-step Method of Producing Isoprene From Isopentane and
Isopentane-isoamylene Mixtures

PERIODICAL: Khimicheskaya promyshlennost'; 1960, No. 2, pp. 89 - 95

TEXT: Isoprene can be produced from isopentane by catalytic dehydrogena-
tion according to the one- and two-step method. The characteristics and the
execution of the two-step method of producing isoprene from isopentane are
described, the composition of catalysts, and of the complex product mixtures
is indicated. The dehydrogenation of isopentane and of the isopentane-iso-
amylene mixtures to isoprene was carried out on an industrial catalyst for
dehydrogenation of n-butane developed by the VNIISK (All-Union Scientific
Research Institute of Synthetic Rubber) with the use of a negative pressure
attained by the introduction of a rarefying gas (nitrogen, benzene, methane,
etc.). The compounds used as initial products are indicated, and the
ИПАТИМ-51 (TsIATIM-51) apparatus for low-temperature fractionation of the

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contact gas is mentioned. The equilibrium content of isopentane, isoamylenes, and isoprene at various temperatures and pressures (Table 1, Fig. 1), the influence of temperature on the dehydrogenation of isopentane (Table 2, Fig. 2), and the equilibrium content of isopentane, isoamylenes, and isoprene at various temperatures and compositions of the initial mixture, and a pressure of 2 at (Table 3, Fig. 3), are indicated. Besides, the composition of the decomposition products of isopentane is given in the form of a table. The equilibrium content of isopentane, isoamylenes, and isoprene at 0.3 at (Table 4), the equilibrium content of isopentane, isoamylenes, and isoprene for a mixture $C_5H_{10} + C_5H_{12}$ (30:70) (Fig. 4), the influence of temperature on the isoprene yield (Table 5), the influence of dilution with nitrogen on the dehydrogenation of the mentioned isoamylene-isopentane mixture (Fig. 5), and the influence of temperature on the yield in diene hydrocarbons (Fig. 6), were observed. The dehydrogenation of isoamylene-isopentane mixtures containing different quantities of isoamylenes (Table 6), the influence of volume velocity on the dehydrogenation of an isoamylene-isopentane mixture (30:70) (Table 7), the influence of contact time on the dehydrogenation of the corresponding isoamylene-isopentane

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Single-step Method of Producing Isoprene From
Isopentane and Isopentane-isoamylene Mixtures

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mixture (Fig. 7), and the influence of hydrogen on the dehydrogenation of the mixture mentioned (Fig. 8), are shown. The catalyzate obtained by dehydrogenation of the isoamylene-isopentane mixture was fractionated on a periodic fractionating column with an efficiency of 70 theoretical plates to narrow fractions, the composition of which is indicated (Table 8). The influence of various rarefying gases on the dehydrogenation of the isoamylene-isopentane mixture is shown in Table 9. The results mentioned in the paper suggest that it is possible to carry out the dehydrogenation of isopentane and its mixtures with isoamylenes and isoprene at reduced pressure (in the presence of various rarefying gases). The isoprene yield of this method, computed for the decomposed isopentane, is 67-75% by weight. There are 8 figures, 9 tables, and 17 references: 6 Soviet and 11 American.

Card 3/3

PODOLINSKIY, L.G., inzh.

Automation of rolling-mill coolers. Mekh. i avtom. proizv.
18 no.1:2-3 Ja '64. (MIRA 17:8)

KUPERMAN, F.M., prof. dr. biolog. nauk; PODOL'NYY, V.Z.; SHUL'GIN, I.A.,
kand. biolog. nauk

Changes in the shape and size of sunflower leaves in connection
with the stages of its organogenesis. Uch. zap. Kab.-Balk. gos.
un. no. 10:31-40 '61. (MIRA 17:6)

END

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PODOL XYY, U.Z.